



**Supplementary Figure S1.** The correlation analysis between mRNA expression of C3 and IGHM and eGFR in DN patients as per availability (source Nephroseq). (A) The mRNA expression of C3 was negatively correlated with GFR in 3 datasets: (a) Woroniecka Diabetes Glom GSE30528 [23]  $p = 0.005$ ,  $rs = -0.580$ , (b) Woroniecka Diabetes TubInt GSE30529 [23]  $p = 8.95e-7$ ,  $rs = -0.842$ , (c) Schmid Diabetes TubInt [34]  $p = 0.046$ ,  $rs = -0.611$ ). (B) The mRNA expression of IGHM was negatively correlated with GFR in 2 datasets: (a) Woroniecka Diabetes Glom GSE30528 [23]  $p = 0.003$ ,  $rs = -0.604$  and (b) Woroniecka Diabetes TubInt GSE30529 [23]  $p = 8.15e-5$ ,  $rs = -0.740$ ).